

ABSTRACT OF THE DISCLOSURE

It is generated a control information item including a script for the image processing which is described by a markup language. The control information item is communicated between an image supply device and an image output device connected via a communication path. A control protocol for communicating the control information item is interpreted by a first entity which executes processing for a first hierarchic layer of a communication protocol. A management protocol for managing an image data file including the image data is interpreted by a second entity which executes processing for a second hierarchic layer of the communication protocol which is lower than the first hierarchic layer. A physical layer of the communication path is controlled by a third entity which executes processing for a third hierarchic layer of the communication protocol which is lower than the second hierarchic layer. A command in the control information item is translated between the control protocol and the management protocol.